

MabFast Hybridoma Fusion & Cloning Supplement

Cat.No.: OM643072

Volume: 100mL

1. Description

MabFast Hybridoma Fusion & Cloning Supplement is a kind of adaptive medium rich in various cytokines. The culture medium is suitable for the whole stage of the mouse and rat monoclonal antibody preparation process (including cell fusion, cell subcloning, cell expansion culture, and hybridoma cell recovery, etc.), and it has an obvious ability to promote the growth of hybridoma cells.

Compared with feeder cells, MabFast Hybridoma Fusion & Cloning Supplement has the following characteristics:

Simple operation, avoiding contamination, the perfect replacement product for feeder cells;

Significantly increased the growth rate of the hybridoma cells;

In cell fusion, the number of fusion cells is more and larger;

More efficient working efficiency depends on the increase of hybridomas subclonal positive rate and the speed of clonal growth after the addition of MabFast Hybridoma Fusion & Cloning Supplement.

2. Characteristic

Appearance: red transparent solution

Source:

MabFast Hybridoma Fusion & Cloning Supplement is an adaptive medium derived from the mouse T cell line, which contains a variety of cell growth factors, such as colony-stimulating factors, interleukosins;

Additive composition:

FBS, insulin, antibiotics, phenol red

Sterilization method:

Sterilization via multiple filtration by 0.2 m filter membrane. Quality control has been passed.

Detection of mycoplasma: Negative;

Storage conditions: Stored in low temperature and light avoidance. Good stability with stored in 4°C for 4 weeks, -20°C for 2 years.

Suggestion: Avoid repeated freezing and thawing; packaging and freezing.

3. Usage

1. Fusion and subcloning stage: MabFast Hybridoma Fusion & Cloning Supplement is added to the complete medium in 10% (v / v).
2. Cell expanded culture and resuscitation stage: MabFast Hybridoma Fusion & Cloning Supplement is added to the complete medium in 5% (v / v).

Note: The base media suitable for MabFast Hybridoma Fusion & Cloning Supplement was RPMI 1640, IMDM and DMEM. MabFast Hybridoma Fusion & Cloning Supplement was only used as a cell culture additive and did not substitute for serum.